

What is claimed is:

1. A holster for handguns having a barrel and a trigger guard in which the handguns are held by the trigger guard comprising:

a tubular assembly comprising: an elongated first structure that functions as a left side wall having an outer surface an inner surface and a top end; an elongated second structure that functions as a right side wall having an outer surface, an inner surface and a top end; an elongated third structure that functions as a front wall having an outer surface, an inner surface and a top end; and a fourth structure that functions as an elongated rear wall having an outer surface, an inner surface and a top end;

said top end of said fourth structure being downwardly displaced from said top end of said first structure and said top end of said second structure to form a recess for capturing a trigger guard of a handgun;

an elongated retention pin having an inner end, an outer end, surrounding side walls extending from said inner end to said outer end and a longitudinally extending X-axis; and

means for supporting said retention pin and reciprocally moving said retention pin into said recess for capturing a trigger guard of a handgun therein and preventing removal therefrom.

2. A holster for handguns as recited in claim 1 wherein said means for supporting said retention pin and moving said retention pin into said recess comprises a sliding actuator having a longitudinally extending Y-axis; said sliding actuator being mechanically interfaced with said retention pin in such a manner as to allow said retention pin to be withdrawn from a handgun trigger guard when it is positioned in said recess by pushing said sliding actuator along said Y-axis that is substantially perpendicular to said X-axis of said retention pin.

3. A holster for handguns as recited in claim 2 wherein said sliding actuator is wedge-shaped.

4. A holster for handguns as recited in claim 2 further comprising first spring means contacting said retention pin and spring loading said retention pin in the direction for capturing a handgun trigger guard when it is positioned in said recess.

1 5. A holster for handguns as recited in claim 1 wherein said inner end of said retention
2 pin is beveled toward said top end of said holster.

3 6. A holster for handguns as recited in claim 2 wherein said sliding actuator has a tapered
4 fork configuration.

5 7. A holster for handguns as recited in claim 2 further comprising first safety lock means
6 that prevents sliding movement of said sliding actuator until said first safety lock means is
7 disengaged.

8 8. A holster for handguns as recited in claim 7 wherein said first safety lock means
9 comprises a sliding mechanism that must first be moved before said sliding actuator can be
10 pushed.

11 9. A holster for handguns as recited in claim 7 further comprising remote means for
12 releasing said first safety lock means.

13 10. A holster for handguns as recited in claim 7 wherein said first safety lock means
14 further comprises means for identifying the authorized user of said holster.

15 11. A holster for handguns as recited in claim 1 further comprising an elongated safety
16 strap having a first end and a second end and both of said ends are pivotally secured to opposite
17 lateral side walls of said holster; said safety strap being pivotal from a first security position
18 which inhibits removal of a handgun from said holster, to a second position substantially free of
19 the handgun thus allowing the handgun to be withdrawn from said handgun.

20 12. A holster for handguns as recited in claim 11 further comprising means for actuating
21 pivotal motion of said safety strap.

22 13. A holster for handguns as recited in claim 1 further comprising an elongated safety
23 strap having a first end and a second end and both of said ends having snap fastener means
24 securing them to opposite sides of said holster to inhibit removal of a handgun from said holster.

25 14. A holster assembly for a handgun as recited in claim 13 further comprising a formed
26 releasing element shaped to release at least one of said snap fastener means using a generally
27 downward motion of the user's hand.
28

1 15. A holster for a handgun, said holster including components comprising strong,
2 substantially rigid, injection molded inserts of a first synthetic material; said molded inserts
3 having a top surface, a bottom surface and surrounding side surfaces; at least part of said surfaces
4 having an injection over-molded layer of a second synthetic material and assembled to form a
5 finished **handgun holster**; said over-mold material having a durometer hardness less than the
6 hardness of said durometer hardness of said inserts; said injection molded inserts constitutes
7 substantially the strength of said components comprising finished handgun holster; said first
8 synthetic material and said second synthetic material being chemically compatible so that a
9 chemical bond occurs between said injection molded insert and said over-mold layer.

10 16. A holster assembly for a handgun as recited in claim 15 wherein said first synthetic
11 material and said second synthetic material are both of the same chemical base.

12 17. A holster assembly for a handgun as recited in claim 15 wherein said first synthetic
13 material includes a reinforcing filler material.

14 18. A holster assembly for a handgun as recited in claim 17 wherein said first synthetic
15 material further comprises a fiberglass reinforced, thermoplastic material.

16 19. A holster assembly for a handgun as recited in claim 15 wherein said over-mold layer
17 comprises a thermoplastic elastomeric material with a durometer hardness of Shore D 50 or
18 softer.

19 20. A holster assembly for a handgun as recited in claim 15 wherein said over-mold layer
20 comprises a thermoplastic elastomer bondable with said injection molded structure insert.

21 21. A holster assembly for a handgun as recited in claim 15 wherein an appearance
22 enhancing texture is provided in at least selected areas of said over-mold areas.